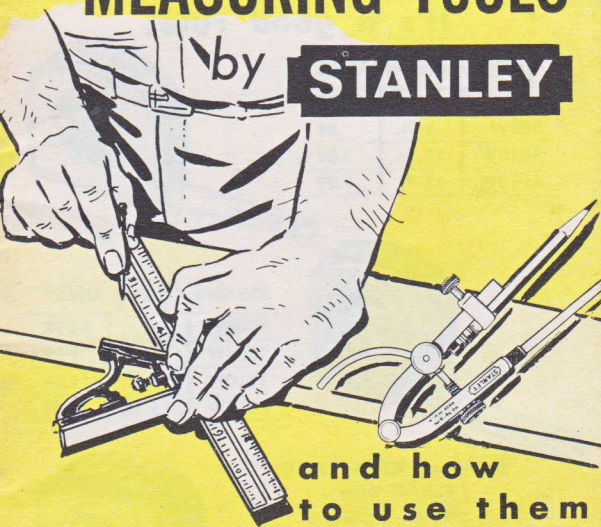


MEASURING TOOLS

by

STANLEY



and how
to use them

The steel tape rule has come into its own. More and more measurers — from Mom and her typical household distances like how far from sill to floor, to Junior taking stock of the number of inches he needs to wear big brother's trousers — are taking note of these vital statistics with the help of tape rules. They're convenient, accurate and easy to use, and there's one thing to remember when you buy one for yourself.

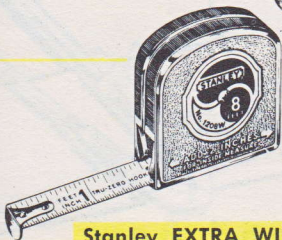
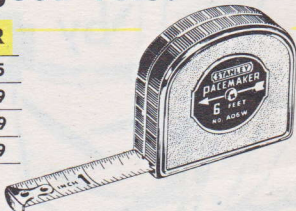
Be Precise — Say

STANLEY

It's a good rule!

Stanley PACEMAKER

A06W	6 ft.	\$0.75
A08W	8 ft.	.89
A010W	10 ft.	1.09
A012W	12 ft.	1.29



Stanley "1200 LINE"

1206W	6 ft.	\$0.98
1208W	8 ft.	1.19
1210W	10 ft.	1.49
1212W	12 ft.	1.89

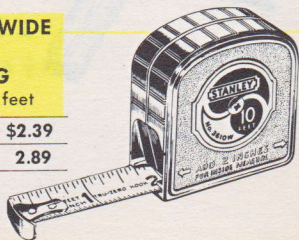
Stanley EXTRA WIDE

Full $\frac{3}{4}$ " wide

EXTRA LONG

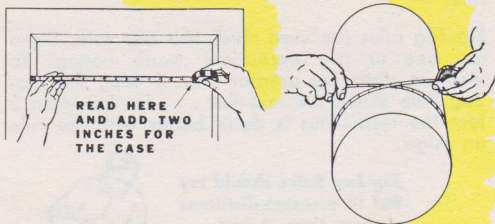
Full 10 feet or 12 feet

3610W	10 ft.	\$2.39
3612W	12 ft.	2.89

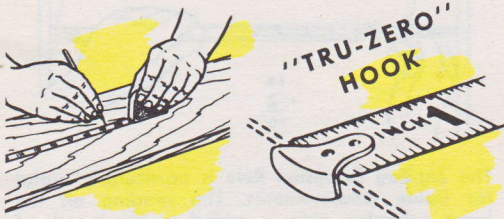


Choose a Stanley Rule
in a Magna View Box.

Some advantages of tape rules and measurements you can take with them:



The flexible steel tape rule measures regular and irregular shapes. It permits inside measurements to be taken accurately and read easily by adding 2 inches to the reading on the blade at the "Tru-Reading" mouth.

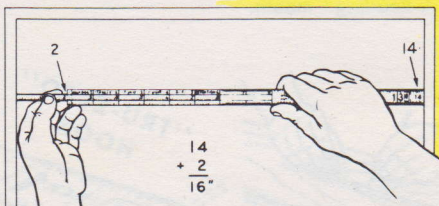
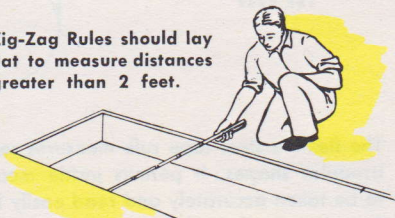


Steel tape rules — 6', 8', 10' and 12' — are versatile! They lie flat, close to the work and may be used for taking extended measurements. This is especially true of the wider rules like the Stanley No. 3610W which has an extra wide $\frac{3}{4}$ " blade. The sliding hook at the end of better "pull-push" rules adjusts to true zero when taking inside or outside measurements.

The rule you still see most often poking out of a carpenter's overalls pocket is the folding wood rule, popularized by Stanley as the "Zig-Zag" rule.

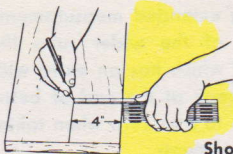
Zig-Zag rules are used much like any rule. There are one or two exceptions worth noting. To measure distances greater than 2 feet, the Zig-Zag Rule should be laid flat . . . for less than 2 feet the measuring is done better with the rule on edge.

Zig-Zag Rules should lay flat to measure distances greater than 2 feet.



The Zig-Zag Extension Rule is particularly useful for inside measurements. The reading on the brass extension slide is added to the length of the opened rule, as shown in drawing above.

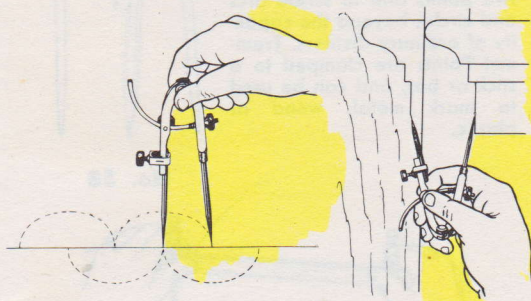
Square end Zig-Zag Rules are useful, as shown, in gauging in even multiples of 2" on the work. Stanley No. 126 is a favorite for gauging.



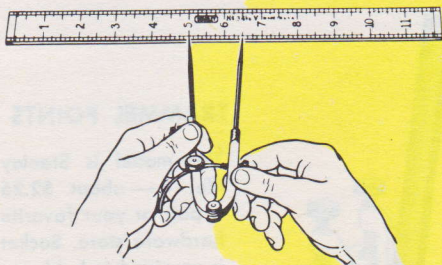
Short stick of No. 126 Rule is opened for gauging 4 inches.

Some people call it a compass — and you still may, although manufacturers and most tool men call this handy tool wing divider. It does more than just make perfect circles. For example:

Dividers are used to step off measurements and divide distances accurately along a straight line, as shown here.



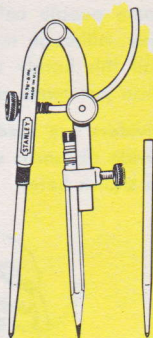
They may also be used to scribe or pencil a line to match an irregular surface — be it masonry, woodwork, or what have you — as shown above.



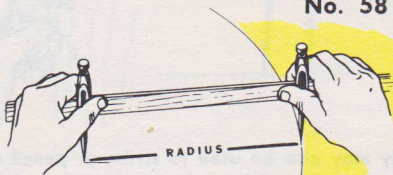
To set the dividers so that an exact distance may be stepped off, hold both points on the measuring lines of the rule.

This model is Stanley No. 58, 6" size — about \$3.25 at your favorite hardware store. Note the detachable steel leg which can be replaced with a pencil.

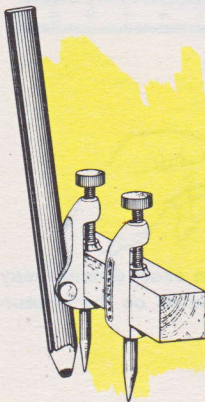
Trammel Points are used to lay out the distance between two points and to scribe arcs and circles beyond the capacity of ordinary dividers. Trammel Points are clamped to a stick or bar, and can be used to mark metal, wood or plastic.



No. 58



Here Trammel Points on a stick make circles too large for dividers.

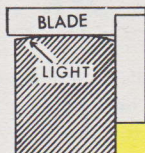
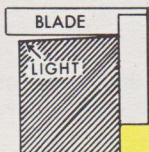


No. 4

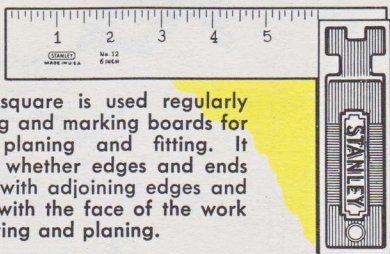
TRAMMEL POINTS

This model is Stanley No. 4 — about \$2.25 a pair at your favorite hardware store. Socket is provided to hold carpenter's pencil.

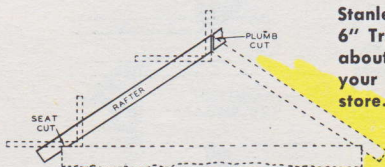
As an honest woodworker you'll want to be making your cuts on the square . . . and with a square is one of the best ways to be sure. Here are a few types of squares.



Neither of these boards is squared up. When no light shows between try square and board, the board is square.



The try square is used regularly for testing and marking boards for cutting, planing and fitting. It tells you whether edges and ends are true with adjoining edges and surfaces with the face of the work after sawing and planing.



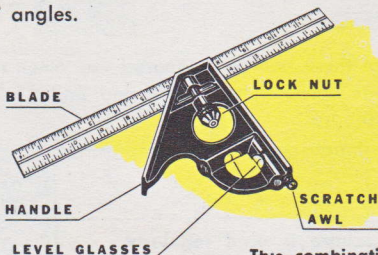
**Stanley No. 12,
6" Try Square—
about \$1.80 at
your hardware
store.**

A rafter or framing square is indispensable if you're doing any building. The illustration above shows the relative position of the rafter square in obtaining the angle cuts for framing a simple roof. With each Stanley No. R100B Rafter Square (about \$5.20 at your dealer's) an illustrated booklet is furnished explaining the many other ways a Rafter Square can be used to save time on building jobs.

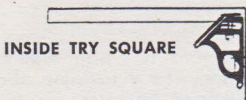


The combination square is used as a mitre square to mark or to test 45° angles.

Here's an instance of how the combination square can be used as a mitre square to mark or check 45° angles.



This combination square is Stanley No. 122, 12" — about \$2.75 at your favorite hardware store.

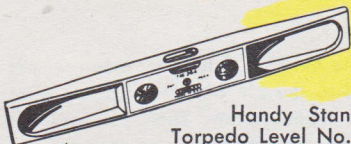


A combination square is one of the most useful measuring and marking tools. It is truly a combination tool — a try square, mitre square, level, plumb, depth gauge and scribe all in one. The head slides along groove in blade, tightens at any position.

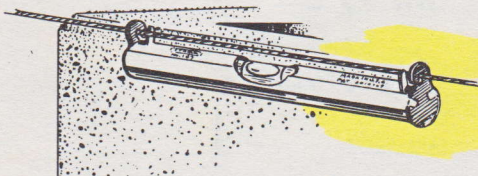
Levels are often considered measuring tools because they are used to check quickly whether or not a surface is level or plumb. Stanley makes a complete line of levels — wood, aluminum, magnesium, iron — for carpenters, masons, machinists, homeowners and other users.



Stanley No. 313 Aluminum Level, shown above, is lightweight, rigid, strong, "truss" construction. Protecting glasses are securely mounted in special rubber gaskets—100% waterproof, dustproof. 24" size has six glasses, is priced around \$7.00.



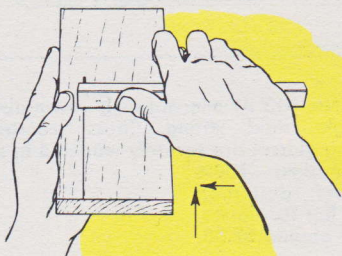
Handy Stanley Aluminum Torpedo Level No. 264 fits over-all pocket, is priced around \$2.60. It has three glasses—level, plumb and 45° mitre. It's a preferred tool for mechanics and homeowners.



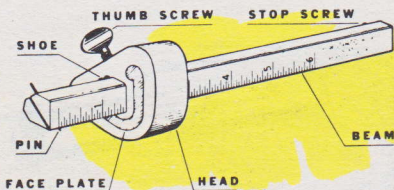
This small size level clips on a line or heavy cord. Known as a line level, (Stanley No. 187, approximately 80¢), it is aluminum and can be used on a line to determine grades, to lay foundations, pipe and brick, to trim hedges, etc.

The pen may truly be mightier than the sword, but a small sharpened pin on a Marking Gauge can be mighty important for accuracy when you're measuring and marking.

The Marking Gauge is the most accurate tool for marking a line parallel to the grain of the wood.



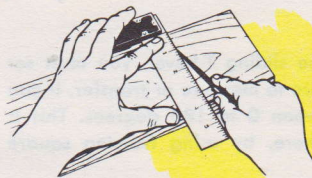
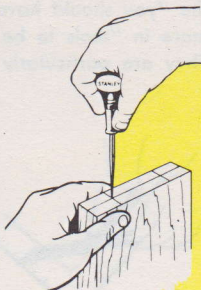
First you set the Marking Gauge by measurement from the head to the pin and check again after tightening the thumb screw. Then you use the gauge, pushing away from you, so that the pin drags naturally and scribes a fine knife-like line.



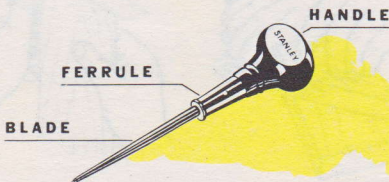
This Marking Gauge is Stanley No. 65 — about \$2.40 at your favorite hardware store.

To some people, a Scratch Awl may look like a junior size Ice Pick. There is a similarity in appearance, but for certain marking jobs, choose the Scratch Awl.

The exact center for boring a hole should be carefully sunk with the point of a scratch awl for accuracy in locating the bit.

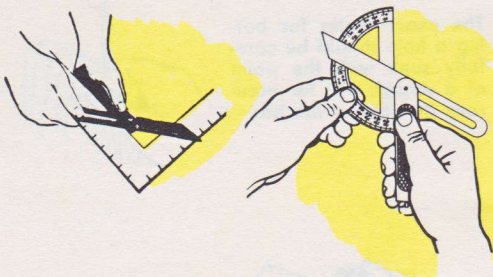


The scratch awl is also an excellent tool to locate a point of measurement accurately or for scribing a line.

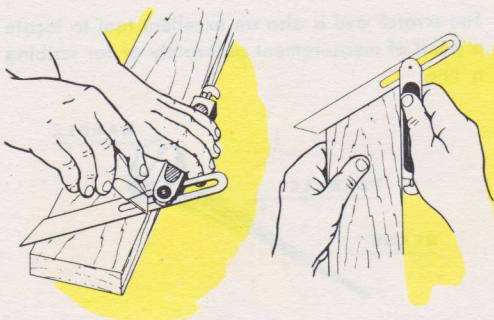


This Scratch Awl is Stanley No. 7 — about 95¢ at your hardware store.

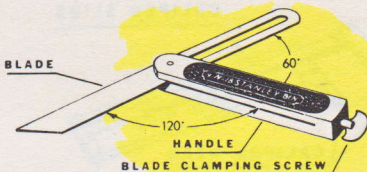
The tools shown on these two pages are not in the "you should have them" category. They are more in "tools to be added as needed" group. They are particularly useful — here's how:



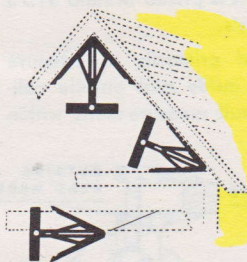
Before you use the sliding T-Bevel, you must set the angle you desire to measure or transfer. It can be an angle between 0 to 180 degrees. This is done, as shown here, by using framing square or a protractor.



When an angle is set, the bevel can be used for laying off a mitre, or for testing mitred ends, as shown.

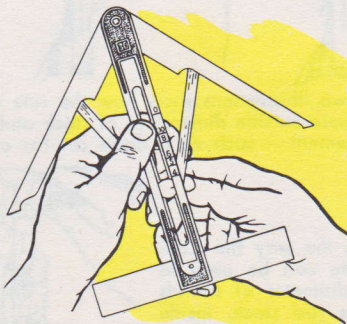


This Sliding T-Bevel is Stanley No. 18 with 8 inch blade — about \$2.60 at your hardware store.

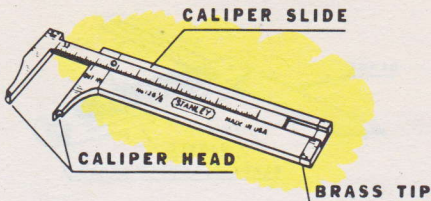


Bisecting an angle with a bevel requires the use of dividers as well as a second handling of the bevel — 3 operations in all. With an Angle Divider this can be done in one operation; handle acts as

center line. By reversing the angle divider, the corresponding angle can be marked on the opposite piece.

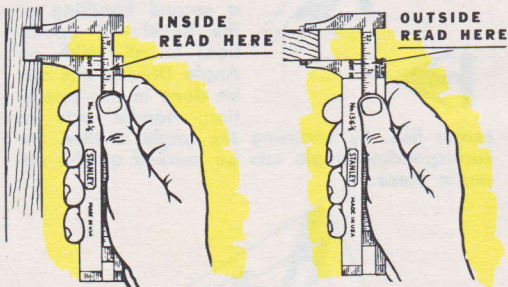


This angle divider is Stanley No. 30 — about \$5.00 at your favorite hardware store.



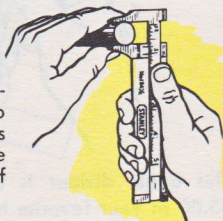
One type of rule that does a yeoman's job is the small size Caliper Rule. Illustration above shows the Stanley No. 136 $\frac{1}{2}$ — 5 $\frac{7}{8}$ " long, with a 5" brass caliper slide. It is priced around \$1.75 at your hardware dealer's.

This handy rule is used primarily to measure rounds, hole diameters, inside and outside calipering and for other small measurements within its 5" capacity.



These two illustrations show how the rule is used to measure outside dimensions of stock and inside measurement — such as a dado cut for a wood joint.

Here is the way the Caliper Rule can be used to check diameter of rounds such as rod stock, inside and outside diameters of tubing, etc.

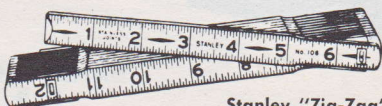


Folding zig-zag rules, like all the measuring tools shown in this little booklet, are as valuable as you let them be. Remember the old maxim: "Measure twice; cut once," and remember, too:

Be Precise — Say

STANLEY

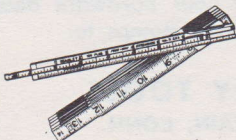
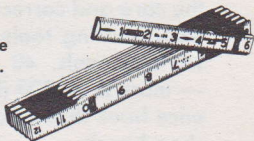
It's a good rule!



Stanley "Zig-Zag"
No. 106 — 6 ft.
\$1.70

Rock Maple sticks—ball lock joints—nickel silver strike plates—big black numbers protected by clear plastic coating.

Stanley
Square End Rule
No. 126 — 6 ft.
\$1.70



Stanley "100 Plus"
Extension Rule
No. X226 —
6 ft. plus
8 inch slide
\$2.80

It's a GOOD Rule!



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